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Spaceport News



John F. Kennedy Space Center - America's gateway to the universe

http://www.nasa.gov/centers/kennedy/news/snews/spnews_toc.html

Atlantis processing complete for late August launch

Flight Readiness Review will decide launch date

pace Shuttle Atlantis awaits the opening of its launch window on Aug. 27 for an 11 day mission to the International Space Station after its four-mile trip to Launch Pad 39-B. At press time, mission managers were discussing whether to open the launch window a day earlier due to launch and external tank separation lighting conditions.

Atlantis will undergo a shuttle interface test and other prelaunch processing in preparation for the launch window. The STS-115 crew of six astronauts will resume construction of the station by installing the integrated P3/P4 truss segment with its two large solar arrays.

The STS-115 crew consists of Commander Brent Jett Jr., Pilot Christopher Ferguson, and Mission Specialists Heidemarie Stefanyshyn-Piper, Joseph Tanner, Daniel Burbank and Steven MacLean, who represents the



DURING ATLANTIS' move to the Vehicle Assembly Building, the processing team proudly stands by the orbiter. The opening of the launch window is Aug. 27. The Flight Readiness Review will decide the launch date.

Canadian Space Agency.

The delivery sets the stage for additional science laboratories to be added to the complex. The mission will include three spacewalks conducted by two teams. Tanner and Piper will

perform the first and third spacewalks, with Burbank and MacLean conducting the second.

Jett was assigned to his first mission as the pilot of STS-72. A year later, he again served as pilot on STS-81.

From June 1997 to February 1998, he served as NASA director of operations at the Yuri Gagarin Cosmonaut Training Center in Star City, Russia. Two years later, he

(See ATLANTIS, Page 4)

NASA awards contracts for Constellation Program study

ASA has awarded a 90-day study contract to four space-related companies to separately examine long-term ground processing and infrastructure planning for the agency's Constellation Program.

The contractor teams are expected to provide a wealth of knowledge during the study phase to support ground systems and operations planning through 2030, including missions supporting the International

Space Station, lunar exploration and Mars exploration.

Contract awardees are: ATK Launch Systems Group, Corrine, Utah; Boeing Space Operations Co., Titusville, Fla.; Lockheed Martin Space Systems Company, Littleton, Colo., and United Space Alliance, Houston.

The awards are limited to \$150,000 per contract.

Study recommendations will be considered in Kennedy Space Center's planning for the Ares I crew launch vehicle, Ares V cargo launch vehicle operations and crew exploration vehicle processing. The contracts, which should be completed in October, were awarded in response to the Constellation ground operations Broad Agency Announcement Request for Proposal issued in April.

"NASA's intent is to include industry in our planning phase to get a broad perspective of ground operations, especially for the long term," said Pepper Phillips, deputy director of the Constellation Project Office at Kennedy. "These four companies will provide several possible solutions to the same challenges, which we expect to benefit our planning.

Selecting ground processing and launch concepts are long-term commitments and we want to consider all options."

For information about NASA's exploration efforts, visit http://www.nasa.gov/exploration.

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The Kennedy Update

Jim Kennedy Center Director

reetings, friends! What a wonderful world we live in! I used those words to open the 2006 Honor Awards ceremony held in the IMAX Theater at the Visitor Complex, where I was privileged to greet at center stage most of the 174 employees honored this year.

I am proud of the high achievers we recognized, and I value each and every one of you who performs such good work for America's space program. I would like to

repeat a quote from Abraham Lincoln I used at the ceremony: "That some achieve great success is proof to all others that we can achieve it, as well." When you perform your job to the best of your abilities, others will be inspired knowing anything is possible.

As we move forward with the nation's Vision for Space Exploration, there is much to be excited about. The Space Shuttle Program has completed two return-to-flight missions and it is now time to move forward with the remaining International Space Station assembly flights, beginning with the launch of STS-115 during a window that opens Aug. 27. The crew, led by Commander Brent Jett Jr., will be here next week to begin the important Terminal Countdown Demonstration Test, which many of you will be supporting.

The STS-115 mission includes carrying the massive P3/P4 truss segment and associated solar arrays that will generate one-fourth of the total power for the completed station. The success stories of the International Space Station will be told over the next 15-plus years as we continue to generate science from that amazing orbiting laboratory.

As we strike a balance between human and robotic missions in space, the Launch Services Program continues to send satellites to the far reaches of our solar system, learning more about our universe every day. The STEREO launch, currently slated for later this month aboard a Delta II launch vehicle from Launch Complex 17, will continue our heritage as pioneers in space exploration as we learn more about the sun's effects on Earth.

All of these successes can be traced back to KSC's core values: safety, teamwork, integrity and mission success. We have enjoyed much mission success during the past year and I'm excited about what is yet to come.

As summer winds down, I want to wish our summer KSC students and faculty farewell as they continue their paths of education. My hope is to one day see these bright young people return to NASA and continue America's exploration of space.

As you know, local public schools will reopen soon, so be extra safe on your drive to and from work. Have a great week!

Kennedy Space Center Honor Awards

2005 Presidential Rank Awards Meritorious Executive

Michael Wetmore, Director, Shuttle Processing **Meritorious Senior Professional** Charles Abner, Chief Engineer

NASA Outstanding Leadership Medal

Michael Conroy, Sheree Gillard, Edmundo Lebron, Douglass Lyons, Denise Pham, Jeffrey Spaulding

NASA Public Service Medal

Paula Canham, James Cawby, John Cipolletti, Charles Floyd, Armand Gosselin, Charles Hardison, Manfred Heinrich, Charles Malloy, Bradley McCain, Kimberly Page, John Sterritt, Jeff Traylor, Jeffrey Van Pelt, John Walter

NASA Exceptional Achievement Medal

Clinton Bartley, Jeff Beach, Debbie Bitner, Richard Boutin, Hortense Burt, Amador Capellin, Ricky Coats, Alan Dumont, Michael Haddock, James Hall, Anna Henderson, Scott Higginbotham, Sean Howe, Glen Lockwood, Joseph Madden, Edwin Martinez, Ronald Morris, Christopher Nagy, Milton Riddle, Adalberto Sierra, Maria Smith, David Sollberger, Diane Stees, John Weeks, Maria Wilson

${\bf NASA\ Exceptional\ Service\ Medal}$

Mark Borsi, Gennaro Caliendo, Ernesto Camacho, Glenn Chin, Herman Everett, Anne Gawronski, Laura Govan, Tyrell Hawkins, Terri Herst, Steven Horn, William Johnson, Ira Kight III, Joseph Lackovich Jr., Peter Nickolenko, Mary Poitier, Debra Preston, James Quinn, Shawn Quinn, Connie Stallings, Stephen Swichkow, Ivan Velez, Michael Wilhoit, David Wilson, Tami Wilson, John Zuber

NASA Group Achievement Awards

Contract Change Reengineering Team

Electronic Inspection Tool Team

Enhanced Payload Integrated Change-out Design and Implementation Team ET LO2 Feedline Bellows Heater Modification Team

Firing Room 4 Development and Activation Team

Fluids Team

GlobalFlyer Video Support Team

Ground Camera Ascent Imagery Project, Istres Air Base, France

Transoceanic Abort Landing Site Activation Team

Kennedy Space Center Webcast Studio Team

KSC's Deployed Hurricane Katrina Support Team

KSC Cryogenic Test Laboratory Team

KSC Electrostatics and Surface Physics Team



MARIA SMITH receives an Exceptional Achievement Medal from Center Director Jim Kennedy (right) and Deputy Director Bill Parsons.

LC-39 Hydrogen Transfer Planning and Operations Team

Liquid Hydrogen Vent Arm Special Instrumentation Group

NASA Shuttle Quality Engineers Team

NASA Core Values Emphasis Project Team

New Shuttle Portable Purge Units Development Team

(See AWARDS, Page 6)

Students present solutions to NASA projects

By Christy Jones Student Intern

eather Marchetti thought the task seemed impossible. The Florida Atlantic University student was assigned by NASA to build a smaller base on a microscope to prevent open liquid from spilling in space.

Marchetti wondered how she would complete this complex project without even having finished her undergraduate studies.

"I thought, 'If no one else has been able to do this, how can I?' " she said. Marchetti, along with 21 other students, interned for seven weeks at Kennedy Space Center this summer in the Spaceflight and Lunar Sciences Technology Program.

With the help of her mentor, Samuel Durrance, she worked through the problem and found a solution that will later be tested in zero gravity.

Each of the interns worked on a

different project, which they showcased at the program's annual poster session on June 20.

The interns reflected a diverse group of undergraduate and graduate students throughout the United States. They worked with mentors on current NASA projects, attended lectures and were exposed to different careers available at KSC.

"The mentors are key," said the program's curriculum coordinator, Lesley Garner. "Their enthusiasm for the space industry is contagious and inspires students to pursue careers with NASA."

Oscar Monje, a mentor for the program, said the interns learn how to work through problems, correct mistakes and present their projects to others.

"It doesn't matter what you work on, but how you work on it," Monje said.

Monje mentored Kori Shaw, a graduate student studying agricultural biotechnology at Tennessee



HOWELL HSIEH, a student at the Georgia Institute of Technology, talks about his findings to a fellow Kennedy Space Center summer intern.

State University. Shaw worked on a project that involved filtering volatile organic compounds out of the environment, which effects the air the astronauts breathe while they're in the space shuttle.

"I've learned a lot," she said.

"It's going to be something that will contribute to my success in the future."

On June 21, all of the summer students and faculty were treated to a luncheon at the Debus Center.

Kennedy named among 'top 100 Irish Americans'

By Christy Jones Student Intern

ennedy Space Center Director Jim Kennedy showed his Irish pride as he accepted his award for being a "Top 100 Irish American" on July 17 at the Florida Space Authority Headquarters in Cape Canaveral.

Irish America Magazine
recognized Kennedy's achievements in its "Top 100 Irish
Americans" issue. The award,
which was presented to Kennedy at
the opening ceremony for Ireland's
Science Challenge Program, is a
tribute to the descendents who
have captured the heights of
human endeavor and hope.

"Receiving this award means a lot to me," Kennedy said. "It is quite an honor."

The award was presented by Rody Molloy, director general of FÁS, a training and development arm of the Irish government. "Jim's impressive contributions to space exploration are certainly recognized by his Irish roots," Molloy said.

The ceremony kicked off a sixweek program for 18 of Ireland's top science and engineering students from universities and institutes of technology throughout Ireland.

The fourth Science Challenge Program will focus on a "Mission to Mars." Combining their skills and studies, the students will work as a team to construct and launch rockets, as well as design, build and launch a meteorological balloon up to 10,000 feet.

Joseph Finnegan, who studied theoretical physics at University College Dublin, said the program will help him decide what area he's most interested in studying to further his education.

"It really is an opportunity of a lifetime," he said.



AT LEFT, Center Director Jim Kennedy receives the "Top 100 Irish American" award from Rody Molloy, director of Ireland's training and development office. Below, Kennedy (left) poses with 18 of Ireland's top science and engineering students participating in the fourth Science Challenge Program.



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Space Shuttle Atlantis, STS-115 crew pre

ATLANTIS ...

(continued from page 1)

flew as the commander on STS-97.

The astronauts and ground crews for STS-115 are scheduled to participate in a full launch dress rehearsal Aug. 7-10 at KSC. The demonstration test provides the crew of each shuttle mission with an opportunity to participate in various simulated countdown activities, including equipment familiarization and emergency egress training.

For information about STS-115 on the Web, visit: http://www.nasa.gov/shuttle.

For a color version of Spaceport News, visit http://www.nasa.gov/ center/kennedy/news/ snews/spnews_toc.html.



DOZENS OF KSC employees accompany the orbiter Atlantis on its rollover from the Orbiter Processing Facility to the Vehicle Assembly Building.



IN THE transfer aisle of the Vehicle Assembly Building, an overhead crane and sling raise Atlantis to a vertical position.



IN HIGH bay 3 of the VAB, Atlantis has been lowered to mate with the external tank and solid rocket boosters on the mobile launcher platform.

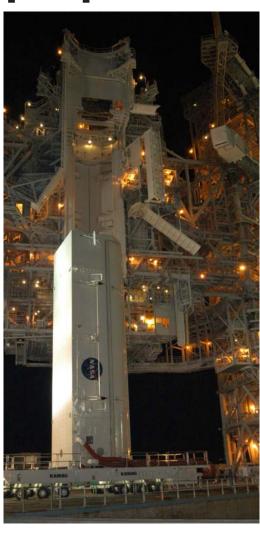


ON LAUNCH Pad 39B, the position beneath the paylo transfer of its cargo. The catlantis and mission STS-



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prepare for space station assembly



ON LAUNCH Pad 39B, the payload canister is moved into position beneath the payload changeout room (PCR) for transfer of its cargo. The canister holds the payload for Atlantis and mission STS-115, the Port 3/4 truss segment.



IN THE payload changeout room on Launch Pad 39B, a worker (at left) helps with the door opening on the payload canister. The truss is the next addition to the 11segment integrated truss structure that will eventually span more than 300 feet on the

Space station trusses to provide power



THE P3/P4 truss, with its two large solar arrays, will provide one-fourth of the total power-generation capability of the completed station.

By Cheryl Mansfield Staff Writer

he next part of the Interna tional Space Station might resemble a cocoon when tucked inside Space Shuttle Atlantis for flight. But by the time it's deployed in space, the segment that will provide a quarter of the completed station's power capability will look more like an extremely large butterfly.

The port three and four (P3/P4) integrated truss segment is the prime payload of the STS-115 mission, scheduled to lift off from Launch Pad 39B.

"The truss in its launch configuration is about 45 feet long, but once on orbit with the solar arrays deployed, it will have a wingspan of almost 240 feet, says Robbie Ashley, space station mission manager for the STS-115 mission.

The mission's main objective is to resume space station construction by installing and activating the segment during three scheduled spacewalks. The trusses are part of the 11-segment structure that will eventually span more than 300 feet when the station is completed.

"The P3/P4 element will be installed on what is now the end of the P1 port truss segment already on orbit," explains Ashley. "It's going to provide two primary capabilities, the first being power. The power module will provide the wings. When extended, each solar capability to generate, store, distribute and regulate power for the space station. It's going to supplement the capability that is up there now with the P6 element.

"In addition, the P3 half of the truss has a mechanism that's going to rotate all of the outboard truss segments, including the solar arrays, to allow them to stay pointed at the sun for optimal power-generation capability."

On Earth, the P3/P4 segment weighs almost 35,000 pounds one of the heaviest station payloads. It will be weightless in orbit, allowing the astronauts to remove the segment from Atlantis' payload bay using the shuttle's remote arm and hand it off to the space station's remote arm.

The astronauts will then maneuver the segment into place before attaching it to the P1 segment. The astronauts will need three spacewalks for the entire

A major spacewalk task will be deployment of the two solar wing will be 115 feet by 38 feet. They are deployed in opposite directions and each is made up of a center mast supporting a solar "blanket" on either side.

Each wing uses nearly 33,000 solar cells and on Earth would weigh more than 2,400 pounds. The two new wings are capable of generating enough power to meet the needs of 30 average homes, based on consumption of 2 kilowatts of power each.

The P3/P4 truss segment will be transferred to the payload bay of Atlantis for launch on the STS-115 mission.

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Kennedy Space Center Honor Awards

AWARDS . . .

(Continued from Page 2)

Node 2 Maintenance Power-Up Test Team

P3/P4 Truss Battery Replacement and Vertical Erection Fixture Rotation Team

Quality Assurance Specialist Leads Team

Safety and Mission Assurance Processing Team

Senior Management Planning Tool Development Team

Shuttle Processing Foreign Object Debris/Damage Program Enhancement Team

Shuttle Safety Team

Space Shuttle Microwave Scanning Beam Landing System Signal Simulator Development Team

Space Shuttle NAVAIDS Flight Inspection System Development Team

STS-114 Return-to-Flight Critical Debris Mitigation Effort Team

T-O Connector Team

Public Service Group Achievement Awards

Electronic Security System Access Team



TYRELL HAWKINS (center), receives an Exceptional Service Medal from Center Director Jim Kennedy (right) and Deputy Director Bill Parsons. The 2006 Kennedy Space Center Honor Awards ceremony was held July 25 at the IMAX Theater in the Visitor Complex.

JBOSC Type 3C Hurricane Support Team

Kennedy Space Center Internet Facility Team

National Geospatial-Intelligence Agency Patrick Air Force Base

Istres Survey Team

Oxygen K Manifold Hazard Analysis Team

Payload Access Study Database Implementation Team

STS-114 Delaware North Guest

Services Team

Transfer of Calibration Services Information Continuous Improvement Team

Kennedy Space Center Certificate of Commendation

Peter Aragona, Lisa Arnold, Miles Ashley, Anthony Bartolone, Brian Beaver, Alex Bengoa, Ronald Best, Sergio Briceno, Jacqueline Brooks, Jeanne Burkhart, Sharon Cadwell, Robert Choy, Scott Colloredo, Matthew Craycraft, Marguerite Davis, Douglas Durham, George Dutt, Priscilla Elfrey, Susan Feagan, Debbie Folmar, Rogelio Franco, Michael Generale, Brian Graf, Lisa Huddleston, Jacob Jevec, Kristen Kehrer, Anthony Killiri, Roystan King, Ronald Todd Lacks, Cynthia Lessne, Elisa Lopez-Waller, Maria Lopez-Tellado, Donald Minderman, Jose Nunez, Patrick O'Rourke, Christine Pacariem, Shirishbhai Patel, Deborah Ruiz, Kristin Rumpf, Fernando Santos, Patricia Scheurer, Florence Smith, Heriberto Soto, Stanley Starr, Diane Stees, Richard Stevens, Merri Stowe, Richard Thompson, Mona Vaday, Scott Vangen, Robert Wark, Mark Wiese, John Wilkinson, Scott Wilson

KSC Service Awards

40 Years of Service

Helen Allen, Richard Cota, James England Jr., Tommy Purer, Richard Sharum, David Steele, Charles Stevenson, John Talone Jr., Leila Taylor

KSC Strategic Leadership Award Dr. Isam Yunis

KSC Equal Opportunity Awards

Supervisory

Douglas Lindhorst

Non-Supervisory Linda Euell

21100 20011

KSC Director's AwardWilliam Dowdell

Exploration Park seeks developer

ASA has issued a solicitation to attract offers for the development and longterm operation of Exploration Park at Kennedy Space Center. The agency posted a draft request for proposals and seeks comments from industry on the draft by Aug. 17.

A briefing for potential developers and a site tour is planned at KSC for Aug. 10. NASA envisions Exploration Park as a unique technology and commerce park development, featuring trend-setting, sustainable design features

while hosting cutting-edge technology and space explorationrelated activities at the nation's primary spaceport.

NASA's primary objectives in establishing Exploration Park at KSC are to:

- Enable and grow private sector participation to the longrange exploration of space by the U.S. and its international partners;
- Promote the development and use of technologies that contribute to space exploration and preservation of Earth's environment;
 - Attract tenants who advance

the mission of NASA and KSC with an emphasis on commercial, academic and governmental synergy;

• Expand access to and use of the capabilities of KSC and neighboring space launch and landing sites. Visit http:// prod.nais.nasa.gov/cgibin/eps/

bizops.cgi?gr=D&pin=76 for details.



A map of Kennedy Space Center's Exploration Park.

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Remembering Our Heritage

42 Years Ago: Ranger 7 launch gave Atlas-Agena team's spirit a much-needed lift

Mission provides first live TV picture of lunar surface

By Kay Grinter Reference Librarian

he successful Ranger 7 launch on July 28, 1964, lifted not only the Atlas-Agena on its journey to the moon, but the spirit of the Atlas-Agena launch team, as well.

The Ranger spacecraft were designed to provide the first live television transmissions of the moon from lunar orbit.

Ranger 1, launched in August 1961, accomplished its primary test objective but only limited data was gained from its scientific experiments. The next four Ranger missions were problem-laden, too.

NASA decided a fresh approach was needed and formed a new group to concentrate on the struggling program: a Lewis Research Center project management team working under the direction of Dr. Seymour Himmel and a Goddard Launch Operations launch management team under Dr. Robert Gray.

NASA Alumnus Harold Zweigbaum was chief of the newly formed Atlas-Agena Launch Operations Branch at Cape Kennedy under Gray.

The new team's first launch in January 1964, Ranger 6, arrived at the moon right on target, but its television system malfunctioned and failed to send any images.

Zweigbaum recalled from his home in Cocoa Beach: "Each team member was outstanding in his respective specialty, and I am proud to have worked with them. The Lewis team was invaluable and really kept us on our toes.

"We affectionately referred to them as 'the pelicans,' since they regularly flew back and forth from Cleveland to review the prelaunch data.

"We had sat in on some of the Air Force Atlas-Agena launches for the experience," he said. "Ranger 7 was our second solo launch and we were extremely nervous. We were so intent on studying the launch data that I couldn't tell you if it was 70 degrees or 90 degrees outside."

On July 31, Ranger 7 completed its mission 68 hours, 36 minutes after liftoff. An impressive 4,316 high-quality photographs were transmitted before it crashed on the lunar surface in an area northwest of the Sea of Clouds. The closest pictures were taken 2.3 seconds before impact.

All six cameras aboard the spacecraft worked properly, sending back photographs that improved the resolution of lunar detail as seen from Earth by a factor of 1,000.

These detailed photographs contributed significantly to the design of the Apollo spacecraft that soft-landed to place men on the moon.

At a post-mission news conference, principal investigator



RANGER 7 lifts off on July 28, 1964. The mission transmitted more than 4,000 high-quality photographs of the moon.

Dr. Gerard Kuiper of the University of Arizona Lunar and Planetary Laboratory, remarking on the preliminary analysis of the images, said: "This is a great day for science ...the amount of information that has been gained about the lunar surface is truly remarkable."

Emergency response training offered at Training Auditorium

To comply with a homeland security presidential directive and a recent agencywide audit, all government and contractor personnel with a direct role in emergency management and response must be trained in the National Incident Management System (NIMS) and Incident Command System. This includes all disciplines related to emergency services, such as emergency medical services, fire service, law enforcement and volunteer personnel.

To complete this training, the following Emergency Management

Institute Courses must be completed: IS-100, Introduction to Incident Command System; IS-200, Basic Incident Command System; IS-700, Introduction to NIMS; and IS-800, Introduction to the National Response Plan. A certified instructor will be teaching all four courses in the Kennedy Space Center Training Auditorium beginning at 9 a.m. Aug. 22 and 23. Contact Tim Moore at *John.T.Moore@nasa.gov* or 867-5385 for information.

NASCAR official to speak at 2006 KSC Diversity Event

pace Coast residents and visitors can celebrate one of the many reasons that Kennedy Space Center is special at the 2006 Diversity Event from 6:30 p.m. to midnight Sept. 9 at the Radisson Pavilion in Cape Canaveral.

Guest speaker Tish Sheets, director of diversity and special projects for NASCAR, will share her experiences, challenges and goals as she "sets the pace" at NASCAR to make the sport – on and off the race track – "look more like America."

The theme, "Diversity: A cord of many strands is not easily broken," was created by United Paradyne Corp.'s Vernon Blanchette, a KSC employee since 1989.

Do you have a young artist at home or know of one? Through Aug. 11, the KSC Diversity Event

Decorating Committee is seeking original drawings depicting what diversity means through the eyes of students enrolled in kindergarten through high school.

The pictures will be displayed at the 2006 Diversity Event. Submissions should be on 8-1/2" x 11" paper and sent to Erin Parrish, mail code TA-C2, or Karen Dubois, mail code OP-MS.

Please provide the name of the child, their age and the KSC employee/mail code that the pictures should be returned to. For information, contact Parrish at 867-5398 or

Erin.C.Parrish@nasa.gov.

Tickets will be sold beginning Aug. 7 for \$25 and can be purchased from the Office of Diversity and Equal Opportunity, HQ Room 2327, or from the following people:

Lisa Arnold, Headquarters



THE ANNUAL KSC Diversity Event offers employees and guests the opportunity to enjoy many traditions. The 2006 event is set for Sept. 9.

fourth floor, 867-7246; Linnette Daniels, Hangar N (Cape side) room 200, 853-9261; Maxine Daniels, Space Station Processing Facility, room 3228X, 867-5976; Agnes Vargas, Operations and Checkout Building, room 1056, 867-3004; and Latasha Walker, Logistics building, room 2710F2, 861-7439.

Kennedy honors employees with video awards



GLENN BENSON (left), an InDyne employee in the **External Relations** directorate, receives the NASA Videographer of the Year Award from Center Director Jim Kennedy. Fellow InDyne employee Gregg Forget was honored with second place in the same category.

he annual NASA Videographer of the Year Awards Program, administered by the agency's Digital Television Program Office at Marshall Space Flight Center with cooperation from the U.S. Department of Defense and national professional organizations, recognizes the agency's videographers for their achievements.

InDyne employee Glenn Benson of Kennedy Space Center recently was honored with the NASA Videographer of the Year award in the Documentation category. Fellow employee Gregg Forget was awarded second place in the same category. Documentation video is shot to document an activity for different purposes, and is not filmed in a controlled environment where scene conditions such as lighting, scripting and scene-staging can be controlled. Judging was conducted by a group of motion media professionals from national organizations and NASA.

Headquarters front sidewalks remain closed

Il pedestrian traffic from facilities located west and east of the Kennedy Space Center Headquarters building is limited to the rear and side entrances until construction is complete. Work hours for this project are from 8 a.m. to 3:30 p.m.

• Obey all traffic signs; 1st Street between C and D Avenue is still one-way westbound only.

- Please avoid the sidewalks and the area behind the yellow caution tape at the lobby doors.
- No vehicular traffic is permitted in the front parking lot located northeast of Headquarters.
- For individuals parking in the small lot in front of Headquarters, follow the signs and cones leading to the east manual doors of the lobby.



John F. Kennedy Space Center

Spaceport News

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Contributions are welcome and should be submitted two weeks before publication to the Media Services Branch, IDI-011. E-mail submissions can be sent to <code>Jeffery.Stuckey@ksc.nasa.gov</code>.

Managing editor.Bruce BuckinghamEditor.Jeff StuckeyCopy editorCorey Schubert

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